

Vista Chemical Company

900 Threadneedle
Houston, Texas 77079
(713) 588-3000

P.O. Box 19029
Houston, Texas 77224
Fax (713) 588-3236

October 5, 1989

VISTA

Mr. George J. Cvejnovich, CIH
Biotechnics, Inc.
7607 Eastmark Drive
Suite 260
College Station, TX 77840

TGG: ~~JCL~~ ERT: ~~MSH~~ AJO: RF

XF: Desk

Dear George:

This letter is to confirm your agreement to provide a four-hour industrial hygiene training session for Vista Chemical. The specific scope of this training is detailed in the attached letter.

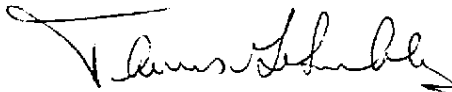
The training will be from 1:00 to 5:00 p.m. November 7th, at Vista's office in Houston, Texas.

The training will be conducted by Ralph Vernon of Biotechnics and yourself.

Based on our discussions and the attached letter, the cost for the training session will not exceed \$2,500.

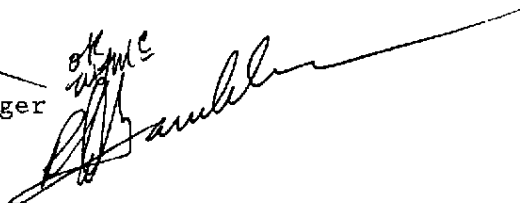
Please indicate your agreement to the above by signing below and returning the original to me.

Sincerely,


Thomas G. Grumbles, C.I.H.
Environmental Quality Manager

dlj

Attachment



George J. Cvejnovich

Date

VVV 000014196

BIOTECHNICS INC

Risk Assessment and Management Consultants

7607 EASTMARK DRIVE SUITE 260
COLLEGE STATION, TEXAS 77840

TELEPHONE
(409) 696-3871

October 2, 1989

Mr. Thomas G. Grumbles
Environmental Quality Manager
Vista Chemical Company
P. O. Box 19029
Houston, TX 77224

Dear Mr. Grumbles:

Enclosed is an outline and a cost estimate for the course we discussed in San Antonio. The major topics to be covered are:

- (A) Industrial Hygiene Sampling Techniques and Strategies
- (B) Basic Sampling Statistics.

As you can see from the attached tentative outline, we have divided the course into five parts:

- (1) Sampling equipment and calibrations,
- (2) Particulate sampling,
- (3) Gas and vapor sampling,
- (4) Noise measurement and surveys,
- (5) Sampling statistics.

The seminar will be directed toward non-technical personnel and instruction will be limited to four (4) hours.

We also wish to reconfirm the afternoon of Tuesday, November 7, 1989 as the date agreed upon. If the date must be changed, rescheduling should not present a problem.

Biotechnics will prepare handouts and study guides to provide each participant with a sampling manual that can be used as a future reference and guide. We will compile the first copy and will ask that Vista Chemicals provides a copy for each participant.

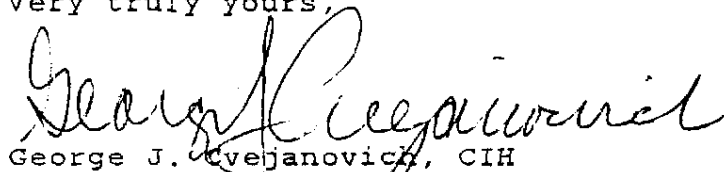
The cost of the seminar will be \$2,500.00 (two thousand, five hundred dollars) based on our best estimate. We trust the amount is satisfactory and is in line with your estimated costs.

VVV 000014197

Biotechnics welcomes this opportunity to provide Vista Chemicals with this course. If you need more details regarding the attached outline or the topics to be covered, we will be most happy to provide them.

We do not plan further development of the course until we have a firm commitment from Vista Chemicals and a confirmation of the date for the presentation. We can be reached at (409) 696-3871. Your prompt reply will be appreciated.

Very truly yours,



George J. Cvejanovich, CIH
Consulting Engineer

GJC/BV

Attach.

VVV 000014198

PROPOSED COURSE OUTLINE
FOR
VISTA CHEMICAL COMPANY

<u>TOPIC</u>	<u>TIME</u>
I. Calibration	30 Min.
A. Basic Sampling	
Units	
Typical Sampling Training	
B. Calibration Devices	
Primary Standards	
Secondary Standards	
C. Air Flow Meters	
D. Air Movers	
II. Aerosol Sampling	45 Min.
A. Collection Devices	
Filters	
Impingers	
ESP	
Cyclone	
B. Sampling Procedures	
Dusts	
Metals	
Mists	
Fumes	
C. Results: Interpretation/Reporting	
III. Gas and Vapor Sampling	45 Min.
A. Collection Devices	
Charcoal Tubes	
Bubblers	
Impingers	
B. Sampling Procedures	
C. Direct Reading Devices	
D. Results: Interpretation/Reporting	

- IV. Noise Measurements and Surveys 45 Min.
- A. Basics
 - B. Instruments
 - C. Procedures
 - Personal Dosimetry
 - Area Dosimetry
 - Contour Method
 - Grid Method
- V. Sampling Strategies 45 Min.
- A. General Principles
 - B. Sample Types
 - C. Number of Samples
 - D. Sampling Duration
 - E. Statistics
 - Exposure Measurement
 - Statistical Analysis